

# **[CD-RW DRIVE WITH MULTI-STAGE LINEAR VELOCITIES AND DIFFERENT RECORDING SPEEDS AND RECORDING POWERS FOR EACH STAGE]**

## **Abstract of Disclosure**

An optical storage carrier drive has a rotative mechanism for rotating an optical storage carrier, and a data access device for recording data to a track on the optical storage carrier. The track contains data units. The speed of each data unit passing by the data access device is termed the linear velocity. The method involves building a look-up table that divides the data units on the track into at least two sequentially arranged data blocks, and giving each data unit a different linear velocity to reduce the acceleration and deceleration of the angular velocity of the optical storage carrier.

## Figures

Figure 1: A diagram illustrating the structure of a document. It shows a vertical stack of pages, with the top page labeled 'Page 1' and the bottom page labeled 'Page 23'. The pages are connected by a vertical line, and the text 'Page 15 of 23' is visible at the bottom right of the page.